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PATENT
Attorney Docket No.: 02307O-114510US
Client Reference No.: 2001-083-1

Assistant Commissioner for Patents
Washington, D.C. 20231

MAILED
MAY 30 2002
U.S. PATENT & TRADEMARK OFFICE
On May 24, 2002

TOWNSEND and TOWNSEND and CREW LLP

By: Claudia Chang

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

McDonald, Karen A.
Jackman, Alan P.

Application No.: 09/992,845

Filed: November 14, 2001

For: Process for Scaled-up Production of Recombinant Proteins Using Transgenic Plant Suspension Cultures

Examiner: Unassigned

Art Unit: 1638

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

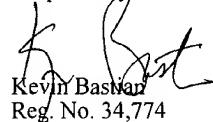
McDonald, Karen A.
Jackman, Alan P.
Application No.: 09/992,845
Page 2

PATENT

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Kevin Basman
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STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

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Application Number	09/992,845
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First Named Inventor	McDonald, Karen A.
Group Art Unit	1638
Examiner Name	Unassigned
Attorney Docket Number	02307O-114510US

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U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	AA	6,127,145		Sutliff et al.	10-03-2000

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office ³	Number ⁴	Kind Code ⁵ (if known)		
	AB	WO	95/14099		Regents of The University of California	05-26-1995

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
	AC	DES MOLLES, D.V. et al., "Expression of a Carrot Invertase Gene in Tobacco Suspension Cells Cultivated in Batch and Continuous Culture Conditions," <i>Journal Bioscience Bioeng.</i> , 87:302-306 (1999)				
	AD	FISCHER, U. et al., "Semicontinuous cultivation of photoautotrophic cell suspension cultures in a 20 l airlift-reactor," <i>Plant Cell, Tissue and Organ Culture</i> , 38:123-134 (1994)				
	AE	HUANG, N. et al., "Metabolic regulation of α -amylase gene expression in transgenic cell cultures of rice (<i>Oryza sativa</i> L.)," <i>Plant Molecular Biology</i> , 23:737-747 (1993)				
	AF	HUANG, N. et al., "Structural organization and differential expression of rice α -amylase genes," <i>Nucleic Acids Research</i> , 18(23):7007-7014 (1990)				
	AG	MOORHOUSE, S.D. et al., "A plant cell bioreactor with medium-perfusion for control of somatic embryogenesis in liquid cell suspensions," <i>Plant Growth Regulation</i> , 20:53-56 (1996)				
	AH	OZTURK, S.S., "Engineering challenges in high density cell culture systems," <i>Cytotechnology</i> , 22:3-16 (1996)				
	AI	PHISALAPHONG, M. and LINDEN, J.C., "Kinetic Studies of Paclitaxel Production by <i>Taxus canadensis</i> Cultures in Batch and Semicontinuous with Total Cell Recycle," <i>Biotechnol. Prog.</i> , 15:1072-1077 (1999)				

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Group Art Unit	1638
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Attorney Docket Number	023070-114510US

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AJ	RYLAND, J.R. <i>et al.</i> , "Effect of Gelatin on the Stability of Heavy Chain Monoclonal Antibody Production from Plant Suspension Cultures," <i>J. Microbiol. Biotechnol.</i> 10(4):449-454 (2000)
AK	SCRAGG, A.H. <i>et al.</i> , "Growth of <i>Catharanthus roseus</i> suspensions for maximum biomass and alkaloid accumulation," <i>Enzyme Microb. Technol.</i> 12:292-298 (1990)
AL	SEKI, M. <i>et al.</i> , "Taxol (Paclitaxel) Production Using Free and Immobilized Cells of <i>Taxus cuspidata</i> ," <i>Biotechnology and Bioengineering</i> , 53(2):214-219 (1997)
AM	SU, W.W. and LEI, F., "Perfusion Strategy for Rosmarinic Acid Production by <i>Anchusa officinalis</i> ," <i>Biotechnology and Bioengineering</i> , 42(7):884-890 (1993)
AN	SU, W.W. <i>et al.</i> , "High density cultivation of <i>Anchusa officinalis</i> in a stirred-tank bioreactor with <i>in situ</i> filtration," <i>Appl. Microbiol. Biotechnol.</i> , 44:293-299 (1995)
AO	SU, W.W. <i>et al.</i> , "A perfusion air-lift bioreactor for high density plant cell cultivation and secreted protein production," <i>Journal of Biotechnology</i> , 50:225-233 (1996)
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AQ	TERASHIMA, M. <i>et al.</i> , "Effects of sugar concentration on recombinant human α -antitrypsin production by genetically engineered rice cell," <i>Biochemical Engineering Journal</i> , 6:201-205 (2000)
AR	TERASHIMA, M. <i>et al.</i> , "Production of functional human α -antitrypsin by plant cell culture," <i>Appl. Microbiol. Biotechnol.</i> , 52:516-523 (1999)

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